WHAT IS CLAIMED IS:

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- An oil or gas well slip system comprising:
 a slip bowl having an interactive contact surface;
- a slip assembly having a mating interactive contact surface for slidable engagement with the slip bowl interactive contact surface, wherein the slip bowl and the slip assembly are each comprised of a first material; and
- a second material attached to the interactive contact surface of either the slip bowl or the slip assembly, wherein the second material is compositionally different from the first material to prevent cold welding between the slip bowl and the slip assembly and wherein the second material has little or no tendency to dissolve into the atomic structure of the first material.
- 20 2. The slip system of claim 1, wherein the first material is comprised of steel and the second material is comprised of a non-steel metallic material.
- 3. The slip system of claim 2, wherein the non-steel metallic material is chosen from the group consisting of copper alloys, bronze alloys, nickel alloys and aluminum alloys.
- 4. The slip system of claim 2, wherein the non-steel metallic material has a hardness in a range of 35 to 56 Rockwell Hardness C Scale.
 - 5. The slip system of claim 2, wherein the slip assembly comprises a plurality of fingers that engage a plurality of grooves in the slip bowl to prevent a lateral

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movement of the slip assembly with respect to the slip bowl while allowing for a rotational movement of the slip assembly with respect to the slip bowl.

- 6. The slip system of claim 2, wherein the non-steel metallic material has a thickness in a range of 1/4 to 1/16 inches.
- 7. The slip system of claim 2, wherein the non-steel metallic material is a coating that is attached to the interactive contact surface of either the slip bowl or the slip assembly.
 - 8. The slip system of claim 2, wherein the non-steel metallic material is a welded to the interactive contact surface of either the slip bowl or the slip assembly.
- 9. The slip system of claim 2, wherein the non-steel metallic material is a attached to the interactive contact surface of either the slip bowl or the slip assembly by a mechanical fastening means.
- 25 10. A method of reducing cold welding between a slip assembly and slip bowl of an oil or gas well slip system comprising:

providing a slip bowl having an interactive contact
surface;

providing a slip assembly having a mating interactive contact surface for slidable engagement with the slip bowl interactive contact surface, wherein the slip bowl and the slip assembly are each comprised of a first material; and

attaching a second material to the interactive contact surface of either the slip bowl or the slip assembly, wherein the second material is compositionally different from the first material to prevent cold welding between the slip bowl and the slip assembly and wherein the second material has little or no tendency to dissolve into the atomic structure of the first material.

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The slip system of claim 10, wherein the first material is comprised of steel and the second material is comprised of a non-steel metallic material.

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12. The slip system of claim 11, wherein the non-steel metallic material is chosen from the group consisting of copper alloys, bronze alloys, nickel alloys and aluminum alloys.

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The slip system of claim 11, wherein the non-steel metallic material has a hardness in a range of 35 to 56 HRC.

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The slip system of claim 11, further comprising forming a plurality grooves in the slip bowl and forming a plurality of mating fingers in the slip assembly that engage the slip bowl grooves to prevent a lateral movement of the slip assembly with respect to the slip bowl while allowing for a rotational movement of the slip assembly with respect to the slip bowl.

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The slip system of claim 11, wherein the non-steel metallic material has a thickness in a range of 1/4 to 1/16 inches.

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- 16. The slip system of claim 11, wherein attaching the non-steel metallic material comprises coating the non-steel metallic material to the interactive contact surface of either the slip bowl or the slip assembly.
- 17. The slip system of claim 11, wherein attaching the non-steel metallic material comprises welding the non-steel metallic material to the interactive contact surface of either the slip bowl or the slip assembly.
 - 18. The slip system of claim 11, wherein attaching the non-steel metallic material comprises attaching a mechanical fastening means to the non-steel metallic material and to the interactive contact surface of either the slip bowl or the slip assembly.
 - 19. An oil or gas well slip system comprising:
- a first movable member having an interactive contact surface;
 - a second movable member having a mating interactive contact surface for slidable engagement with the interactive contact surface of the first movable member, wherein the first and second movable members are each comprised of a first material; and
 - a second material attached to the interactive contact surface of either the first or the second movable member, wherein the second material is compositionally different from the first material.
 - 20. The slip system of claim 19, wherein the first movable member is a slip bowl.

21. The slip system of claim 19, wherein the second movable member is a slip assembly.

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22. The slip system of claim 19, wherein the first movable member is a slip bowl and the second movable member is a slip assembly.

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23. The slip system of claim 19, wherein the second material is compositionally different from the first material to prevent cold welding between the first and second movable members.

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24. The slip system of claim 23, wherein the second material has little or no tendency to dissolve into the atomic structure of the first material.

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25. The slip system of claim 19, wherein the first material is comprised of steel and the second material is comprised of a non-steel metallic material.

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26. The slip system of claim 25, wherein the non-steel metallic material is chosen from the group consisting of copper alloys, bronze alloys, nickel alloys and aluminum alloys.

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27. The slip system of claim 25, wherein the non-steel metallic material has a hardness in a range of 35 to 56 Rockwell Hardness C Scale.

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28. The slip system of claim 22, wherein the slip assembly comprises a plurality of fingers that engage a plurality of grooves in the slip bowl to prevent a lateral movement of the slip assembly with respect to the slip bowl

while allowing for a rotational movement of the slip assembly with respect to the slip bowl.

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29. The slip system of claim 25, wherein the non-steel metallic material has a thickness in a range of 1/4 to 1/16 inches.

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30. The slip system of claim 25, wherein the non-steel metallic material is a coating that is attached to the interactive contact surface of either the first or the second movable member.

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31. The slip system of claim 22, wherein the second material is a coating that is applied to the interactive contact surface of either the slip bowl or the slip assembly.

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32. The slip system of claim 25, wherein the non-steel metallic material is welded to the interactive contact surface of either the first or the second movable member.

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33. The slip system of claim 22, wherein the second material is welded to the interactive contact surface of either the slip bowl or the slip assembly.

34. The slip system of claim 25, wherein the non-steel metallic material is a attached to the interactive contact surface of either the first or the second movable member by a mechanical fastening means.

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35. The slip system of claim 22, wherein the second material is a attached to the interactive contact surface of either the slip bowl or the slip assembly by a mechanical fastening means.

36. A method of reducing cold welding between a first movable member and a second movable member in an oil or gas well slip system comprising:

providing a first movable member comprising an interactive contact surface;

providing a second movable member comprising a mating interactive contact surface for slidable engagement with the interactive contact surface of the first movable member, wherein the first and second movable members are each comprised of a first material; and

attaching a second material to the interactive contact surface of either the first or the second movable member, wherein the second material is compositionally different from the first material.

- 37. The method of claim 36, wherein the first movable member is a slip bowl.
 - 38. The method of claim 36, wherein the second movable member is a slip assembly.
- 39. The method of claim 36, wherein the first movable member is a slip bowl and the second movable member is a slip assembly.
- 40. The method of claim 36, wherein the second material is compositionally different from the first material to prevent cold welding between the first and second movable members.

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- 41. The method of claim 40, wherein the second material has little or no tendency to dissolve into the atomic structure of the first material.
- 42. The method of claim 36, wherein the first material is comprised of steel and the second material is comprised of a non-steel metallic material.

43. The method of claim 42, wherein the non-steel metallic material is chosen from the group consisting of copper alloys, bronze alloys, nickel alloys and aluminum alloys.

- 44. The method of claim 42, wherein the non-steel metallic material has a hardness in a range of 35 to 56 Rockwell Hardness C Scale.
- 45. The method of claim 39, wherein the slip assembly comprises a plurality of fingers that engage a plurality of grooves in the slip bowl to prevent a lateral movement of the slip assembly with respect to the slip bowl while allowing for a rotational movement of the slip assembly with respect to the slip bowl.
 - 46. The method of claim 42, wherein the non-steel metallic material has a thickness in a range of 1/4 to 1/16 inches.
 - 47. The method of claim 42, wherein the non-steel metallic material is a coating that is attached to the interactive contact surface of either the first or the second movable member.

- 48. The method of claim 39, wherein the second material is a coating that is applied to the interactive contact surface of either the slip bowl or the slip assembly.
- 49. The method of claim 42, wherein the non-steel metallic material is welded to the interactive contact surface of either the first or the second movable member.

50. The method of claim 39, wherein the second material is welded to the interactive contact surface of either the slip bowl or the slip assembly.

15 51. The method of claim 42, wherein the non-steel metallic material is a attached to the interactive contact surface of either the first or the second movable member by a mechanical fastening means.

52. The method of claim 39, wherein the second material is a attached to the interactive contact surface of either the slip bowl or the slip assembly by a mechanical fastening means.

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